

Earthdata UTC Meeting 08.02.2016

1. Attendance

Please make a comment at the bottom of this agenda to record your attendance.

2. EMS Status

Nelson Casiano

- **Upcoming/Ongoing Activities with Data Providers**
 - EMS Release 1.5.0.1 - Product Search Updates
 - Promoted to Production on 07/20/2016
 - Performance for Product Search has improved approximately 20% after implementation.
 - EMS Release 1.5.0.2 - Parallelization and DNS performance updates
 - Testing ongoing in UAT.
 - Scheduled for deployment to production on 08/17/2016
 - For routine daily processing, EMS in UAT is completing by 09:00 am. In OPS, processing continues until around 5:00 pm.
 - GES DISC
 - On 7/27/2016, EMS started receiving a very large daily log containing a very large number of unique IP addresses. This caused EMS to take longer than 24 hours to process the daily logs. The EMS team began processing the file on a separate server. The daily log returned to normal by the weekend and is currently being processed nominally on the production server.
 - Web Metrics Replacement Demos
 - The Web Analytics team has been coordinating demos of several web metrics products. The Adobe Web Analytics product was shown last Friday. IBM is scheduled for 8/12/2016 and Goggle Analytics is planned for 8/26/2016. If you are interested in attending either of the remaining demos, please contact the EMS team.

- 1. Attendance
- 2. EMS Status
- 3. Earthdata Login
- 4. Earthdata
- 5. User Support Tool
- 6. CMR/ECHO/Earthdata Search/MMT
 - CMR/ECHO System Status
 - CMR Release Status
 - Earth Data Search Release Status
 - Metadata Management Tool Release Status
 - Upcoming PMs
- 7. GIBS
- 8. Worldview
- 9. Open Floor
- 10. Special Topic

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3. Earthdata Login

Peter Smith

- **URS Integration Information on SSO and the API's can be found on [Wiki](#)**
- **DAAC On-boarding Status and Integration Schedule can be found on [Wiki](#)**
 - Please get in touch (Peter Smith) if you are having trouble accessing any of the Wiki areas.
- **URS4 Development**
 - Current increment PI1.4
 - In Production (Release 4.50)
- [Earthdata Login public wiki](#)

Sprint Status

Sprint	Start Date	Release	UAT Date	OPS Date
PI1.4	 01 Aug 2016			

PI1.3	 18 Jul 2016		
PI1.2	 04 Jul 2016		
PI1.1	 20 Jun 2016		
2.74	 06 Jun 2016 4.51		
2.73	 23 May 2016 4.50	 09 Jun 2016  16 Jun 2016	
2.72	 09 May 2016 4.49	 26 May 2016  02 Jun 2016	
2.71	 25 Apr 2016 4.48	 12 May 2016  19 May 2016	
2.70	 11 Apr 2016 4.47	 28 Apr 2016  05 May 2016	

Ticket Status

Ticket	Sprint
URSF0UR-675 - Place an upper limit on the maximum number of tokens a user can have.	
URSF0UR-674 - Delay cleanup of tokens to allow use of refresh token	PI1.3
URSF0UR-673 - Provide information on what to do if an activation email is not received.	
URSF0UR-670 - Error when MMT accesses URS API in UAT	2.74
URSF0UR-664 - Application image/description does not show up in pre-authorization.	

URSF0UR-655 - Include profile 'age' with user profile info.	2.73
URSF0UR-649 - Reference to 'User Registration System' in Earthdata Login GUI.	2.72
URSF0UR-643 - Provide a means for an application to require a value for user profile fields.	2.70
URSF0UR-639 - Improved error message needed.	2.68
URSF0UR-628 - Accounts locked due to too many login attempts should unlock automatically after a short time interval.	2.71
URSF0UR-623 - Create a urs page that can act as a test server for clients.	2.68
URSF0UR-615 - Improve URS GUI messages for locked accounts	2.60
URSF0UR-607 - Provide a way to easily migrate production URS users into UAT	2.60
URSF0UR-594 - Provide an ROPC implementation for URS	2.58
URSF0UR-593 - Provide a 'User Services' role within URS.	2.58
URSF0UR-590 - Some of the text is not visible for oauth/authorize and users/app_approve page after EUI changes	2.57

4. Earthdata

Nathan Clark Brett McLaughlin Mark Reese

- Earthdata Environment Configuration Service
 - Movement toward NGAP hosting
 - Secure environment variables for applications
- Earthdata Developer Portal
 - Hosted on NGAP (SIT)
 - Documentation Ingest
- Authentication via NAMS Proof Of Concept (PoC)

Key tickets in current sprint

5. User Support Tool

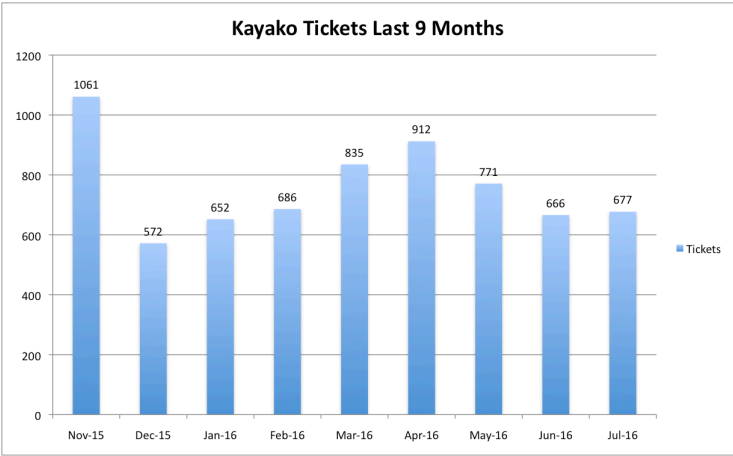
Nemanja Djuric

Activities:

Issues:

Recent Metrics

Kayako Overall Last 9 Months Tickets



Total Kayako Tickets since last UTC

	Closed	In Progress	Open	Waiting	Waiting for DAAC	Waiting for User
ASDC	26	8	2	1		
ASF	8					
DAACs	1					
ECC	4		2			
ECHO	4		3			
Earthdata	5					1
Earthdata Search			8	1		
FIRMS	8					
GCMD	3					
GES-DISC			1			
GHRC	7				2	1
GIBS		1				
LANCE	1					
LPDAAC	55	7	1		1	
MODAPS	28					1
NSIDC	1					
ORNL DAAC	12		6			
PO.DAAC	8	1	10			
PO.DAAC Forum			12			
Reverb	6		2			
URS	109		3			
UUI	1	1				

6. CMR/ECHO/Earthdata Search/MMT

Doug Newman

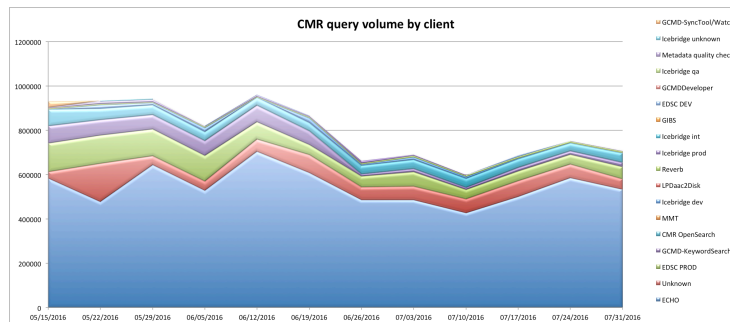
CMR/ECHO System Status

System Issues

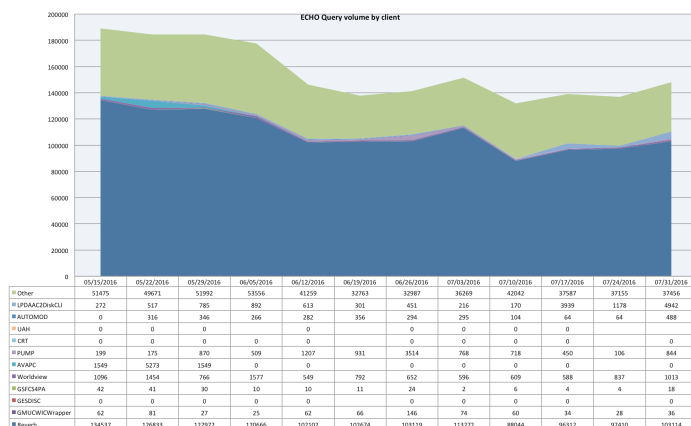
- None.

Recent Metrics

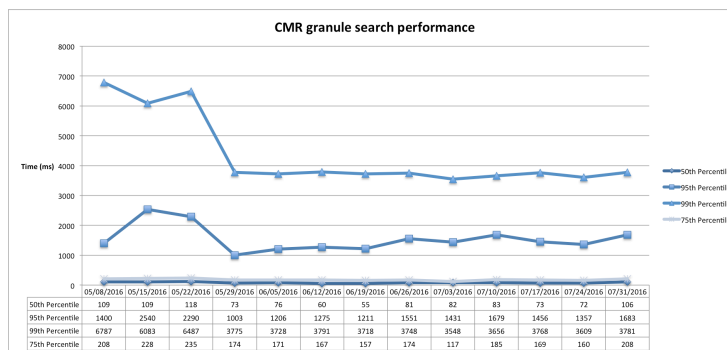
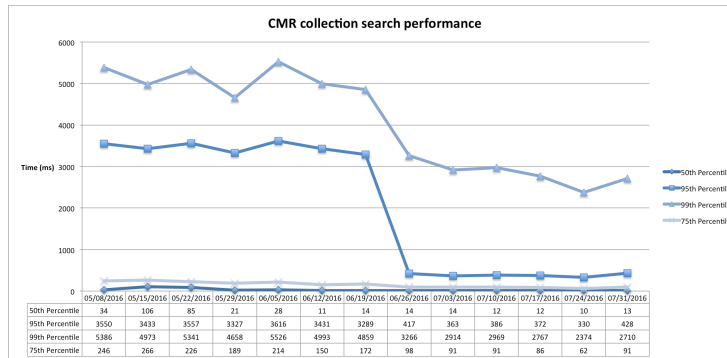
CMR client usage



ECHO Client Usage



CMR Query Performance



CMR Release Status

In Production: 1.54

T	Key	Summary
	MMT-654	500 error when I click on 'Groups' on the Manage CMR page
	MMT-650	Add confirmation to Delete Order Policies button
	MMT-630	Publication confirmation emails not delivered via some mail servers
	MMT-622	Preview page header doesn't gracefully handle non-picklist values
	MMT-621	Add short name and version ID to email receipt
	MMT-564	As a Provider, I want to remove the assignment of a data quality summary from one or more collections.
	MMT-563	As a Provider, I want to update an existing data quality summary.
	MMT-134	As a CMR Administrator, I want to deactivate the Secure Socket Layer (SSL) certificate for a Provider.
	MMT-133	As a CMR Administrator, I want to set the Secure Socket Layer (SSL) certificate for a Provider.

In UAT: 1.55

❌	CMR-3206	Searching for PODAAC granules returns not found errors
❌	CMR-3194	As a Client User, I want the CMR to return v2 facet values alphabetized
❌	CMR-3193	CMR V2 Facets should only show science keywords under the Earth Science Category
✅	CMR-3191	As a Client User, I want to view collection parameter search documentation that allows me to try it in the documentation.
❌	CMR-3170	echo:ReprocessingPlanned field values are getting translated to iso gmd:maintenanceNote field
❌	CMR-3169	Browse URL ECHO to ISO transform is incorrect
❌	CMR-3168	Resource Access Constraints ECHO to ISO transform is incorrect
✅	CMR-3157	As a client user, I want to be able to retrieve UMM JSON with organization and personnel fields translated from DIF
❌	CMR-3069	Searching with thousands of science keywords returns 500
✅	CMR-3003	As a Client User, I would like facets sorted by priority specified via humanizers.

Earth Data Search Release Status

In Production: 1.22










T	Key	Summary
❌	EDSC-1116	Action buttons on granule/collection list partially covers "# granules" and short_name when it is long enough
✅	EDSC-1085	As a user, I want to see the deployment version of Earthdata Search in its cloud-deployed environments so I may know what version of the software is running
❌	EDSC-1075	500 Error when Accessing Download Links for MOD11A2

In UAT: 1.23










T	Key	Summary
❌	EDSC-1132	EDSC-NGAP SIT hits the "endless redirect" issue when trying to order a granule
❌	EDSC-1124	500 error when accessing download links from script
✅	EDSC-1121	Granule browse image preview should not be black if the image contains black
✅	EDSC-1086	As an ops team member, I want to deploy Earthdata Search to its SIT, UAT, and ops environments using Bamboo
✅	EDSC-1084	As a user, I want the cloud-deployed Earthdata Search to be secured by SSL so my information remains private

Metadata Management Tool Release Status

In Ops: 1.27


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In UAT: 1.27

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Because of the PI planning, MMT work has been suspended starting with Sprint 28 so no new deployments to UAT at this time.

Upcoming PMs

 03 Aug 2016

- CMR 1.55 to PROD, CMR 1.56 to UAT
- EDSC 1.23 PROD, EDSC 1.24 to UAT
- ECHO 10.127 to OPS, ECHO 10.128 to PT
- Enable redirect from echo-kernel to soap services in UAT

7. GIBS

Matthew Cechini

- **General Items**
 - ICD Revision 2 - Document has been released for public review. Comments due by 8/18/16.
- **New/Planned Products**
 - Landsat WELD
 - CR321/NDVI Historical Processing - Completed Monthly 2011-09 CR321. Completed Monthly 2010-09 NDVI. Processing 2011 NDVI.
 - MODIS Collection 6 - Atmosphere & Land Reprocessing
 - Atmosphere STD Reprocessing - 2016-2002 Completed. Processing 2001-2000. Projecting completion this week!
 - Atmosphere NRT Forward Processing - Performing formal testing.
 - Land L2 - Performing "is everything still working" test before full reprocessing begins next month.
 - Land L3 - Coordinating with MODAPS on first phase of sample imagery
 - Non-BEDI Imagery Products
 - Completed review of updated OMI AOD NRT products. Awaiting GESDISC fix prior to performing historical reprocessing.
 - Performing testing of updated OMI non-AOD NRT products.
 - Testing delivery of new MISR NRT high-res products
 - ORNL Daymet - Held initial product discussions
 - BEDI Activities - Actively working towards operationalization of the following products:
 - OMI/AIRS/MERRA/LDAS - GESDISC
 - Coordinating update to Giovanni to address color palette issues.
 - OMI, MERRA, LDAS historical reprocessing to be performed next.
 - Coordinating AIRS colormaps
 - RSS/LIS - GHRC
 - Performing historical reprocessing and testing forward processing.
 - MOPITT/CERES/MISR - ASDC
 - First "phase" of historical reprocessing released to GIBS production
 - Performing second "phase" of historical reprocessing
 - ASTER L1T - LPDAAC
 - Coordinating granule delivery with LPDAAC. Next step in Late September.
 - Aquarius/MEaSUREs/SSM/I - NSIDC
 - Reviewing historical processing with DAAC.
 - Awaiting updates to identified issues.
 - Pending testing of forward processing.
 - Aquarius/MODIS PODAAC
 - Performing initial ingest testing

Alex De Luca Jerome King

- **GIBS Production Status**
 - No major issues in production
 - Completed:
 - SMAP imagery TILEDATADAY incorrect for L1 and L2 products for data day of 07/15 to 07/17 has been corrected
 - July Maintenance
 - CIS (Center for Internet Security) Benchmarking for Apache
 - In progress:
 - CIS Benchmarking for Apache on our disaster recovery servers
 - Image download: layer order is not always correct causes issues in Google Earth.

8. Worldview

Taylor Gunnoe

- New features
 - Running data value on layers with data (under cursor)
 - Future new components will be react modules (move to more modular system)
- Natural Events UI
 - Mostly tested, awaiting further merges for a combined release
- Migrated OpenLayers from 3.4 to 3.17
- Worldview Webinar last week

9. Open Floor

a. SE TIM Aug 30-Sept 1 at GSFC

ESDIS System Engineering Technical Interchange Meeting (TIM) August 2016

b. Schedule for PUMP and REVERB retirement

c. Worldwind TEM at MITRE DC Aug 10-11

Agenda

Registration: <https://www.mitre.org/advances-in-virtual-globe-technology-using-nasa-worldwind-an-open-source-geobrowser>

10. Special Topic

Walkthrough of the GCMD Keywords Community Forum

[GCMD Keywords Community Forum](#)